

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
246392US20CONTSERIAL NO. 10/733,280  
New U.S. Application

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Tom TSANG, et al.FILING DATE  
HerewithGROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SDP	✓ AA	5,614,381	3/97	Bromley, et al.	—	—	
	✓ AB	5,646,010	7/97	Bromley, et al.	—	—	
	✓ AC	3,991,770	11/16/76	LeVeen	—	—	
	✓ AD	5,889,169	3/30/99	Beach et al.	—	—	
	✓ AE	5,877,010	3/2/99	Loeb et al.	—	—	
	✓ AF	5,817,492	10/6/98	Saito et al.	—	—	
	✓ AG	5,583,038	12/10/96	Stover	—	—	
	✓ AH	5,834,306	12/23/94	Webster et al.	—	—	
	✓ AI	5,814,482	9/29/98	Dubensky, Jr. et al.	—	—	
	✓ AJ	5,770,414	6/23/98	Gage et al.	—	—	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
SDP	✓ AO	0 118 393	9/84	Europe	
	✓ AP	0 299 127	1/89	Europe	
	✓ AQ	89/00603	1/89	WIPO	
	✓ AR	0 455 424	11/91	Europe	
	✓ AS	95/24491	9/95	WIPO	
	✓ AT	89/10412	11/2/89	WIPO	Abstract only
	✓ AU	95/09913	4/13/95	WIPO	
	✓ AV	0,342,926	11/12/89	Europe	

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	✓ AW	Blackburn et al., "Adenoviral-mediated transfer of a heat-inducible double suicide gene into prostate carcinoma cells, "Cancer Research, 58:1358-1362 (1998).	
	✓ AX	Clackson, T., "Controlling mammalian gene expression with small molecules, "Current Opinion in Chemical Biology, 1:210-218 (1997).	
	✓ AY	Dachs et al., "Targeting gene expression to hypoxic tumor cells, "Nature Medicine, 3:515-520 (1997).	
	✓ AZ	Dreano et al., "Antibody formation against heat-induced gene products expressed in animals, "Biotechnology, p. 1340-1343 (1988)	<input type="checkbox"/> Additional References sheet(s) attached
Examiner	Sandra D. Pich		Date Considered 12/12/05

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SDP	✓ BW	Emmerman et al, "The specificity of the human immunodeficiency virus type 2 transactivator is different from that of human immunodeficiency virus type 1, "The EMBO Journal, 6:3755-3760 (1987).
I	✓ BX	Finch et al., "Overexpression of three ubiquitin genes in mouse epidermal tumors is associated with enhanced cellular proliferation and stress, "Cell Growth & Differentiation, 3:269-278 (1992)
I	✓ BY	Friedmann, T., "Overcoming the obstacles: treating disease by providing needed genes remains a compelling idea, but clinical and basic researchers still have much to do before gene therapy can live up to its promise, "Scientific American, 276-96-101 (1997)
I	✓ BZ	Gazit et al., "Use of the stress-inducible grp78/BiP promoter in targeting high level gene expression in fibrosarcoma <i>in vivo</i> , "Cancer Research, 55:1660-1663 (1995)

☐ Additional References sheet(s) attached

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Scott D. Piche

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## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

SDP	✓	CW	Desiderio et al., "Effects of polyamine imbalance on the induction of stress genes in hepatocarcinoma cells exposed to heat shock", Hepatology, 24:150-156 (1996)
I	✓	CX	Mitchell et al., "Involvement of the polyamine transport system in cellular uptake of the radioprotectants WR-1065 and WR-33278", Carcinogenesis, 12:: 3063-3068 (1995)
I	✓	CY	Suzuki et al., "Effect of low-dose preirradiation on induction of the HSP70B-LacZ fusion gene in human cells treated with heat shock", Radiation Research, 2: 195-201 (1998).
U	✓	CZ	Vasanwala et al., "A novel gene expression vector induced by heat shock, chemotherapy and radiation", Cancer Gene Therapy, 4: p. 28, (1997)

☐ Additional References sheet(s) attached

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SDP	✓ DW	Vasanwala et al., "High Level IL-2 expression vectors using HIV LTR in human colon carcinoma cell line", Proceedings of the American Association for Cancer Research Annual Meeting, 38: p. 33, (April 16, 1997)	
↓	✓ DX	Gomer et al., "Photodynamic therapy-mediated oxidative stress can induce expression of heat shock proteins, "Cancer Research, 56:2355-2360 (1996)	
↓	✓ DY	Harisiadis et al., "Carcinoma of the prostate: treatment with external radiotherapy, "Cancer, 41:2131-2142 (1978).	
↓	✓ DZ	Iida et al., "Inducible gene expression by retrovirus-mediated transfer of a modified tetracycline-regulated system, "Journal of Virology, 70:6054-6059 (1996)	<input type="checkbox"/> Additional References sheet(s) attached

Examiner *Scott D. Priebe*

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SDP	✓ EW	Leppa et al., "Heat shock response – pathophysiological implications," Ann. Med., 29:73-78 (1997)
J	✓ EX	Leung et al., "The human heat-shock protein family," Biochem. J., 267:125-132 (1990)
J	✓ EY	Lindholm et al., "Microwave-induced hyperthermia and radiotherapy in human superficial tumors: clinical results with a comparative study of combined treatment versus radiotherapy alone," Recent Results in Cancer Research, 107:152-156 (1988).
V	✓ EZ	Little et al., "The glucose-regulated proteins (GRP78 and GRP94): functions, gene regulation, and applications," Critical Reviews in Eukaryotic Gene Expression, 4(1):1-18 (1994)

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✓	FW	Madlo et al., "On the feasibility of MRI-guided focused ultrasound for local induction of gene expression," <i>Journal of Magnetic Resonance Imaging</i> , 8:101-104 (1998)
✓	FX	Oleson et al., "Eugene Robertson Special Lecture. Hyperthermia from the clinic to the laboratory: a hypothesis," <i>International Journal of Hyperthermia</i> , 11:315-322 (1995)
✓	FY	Pennington et al., "Quantitative assessment of heat inducible gene expression," <i>Sixth International Conference on Gene Therapy of Cancer</i> , November 20-22, 1997, <i>Cancer Gene Ther.</i> 4(6): 525.
✓	FZ	Roigas et al., "Effects of combined treatment of chemotherapeutics and hyperthermia on survival and the regulation of heat shock proteins in Dunning R3327 prostate carcinoma cells," <i>The Prostate</i> , 34:195-202 (1998)

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SDP	✓ GW	Sapareto et al., "Effects of hyperthermia on survival and progression of Chinese hamster ovary cells," Cancer Research, 38:393-400 (1978)	
I	✓ GX	Sarge, K., "Regulation of HSF1 activation and Hsp expression in mouse tissues under physiological stress conditions," Annals of the New York Academy of Sciences, 851:112-116 (1998)	
I	✓ GY	Schweinfest et al., "A heat-shock-inducible eukaryotic expression vector," Gene, 71:207-210 (1988)	
U	✓ GZ	Scott et al., "Local hyperthermia in combination with definitive radiotherapy: increased tumor clearance, reduced recurrence rate in extended follow-up," Int. J. Radiation Oncology Biol. Phys., 10:2119-2123 (1984)	<input type="checkbox"/> Additional References sheet(s) attached

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I	✓ HX	Tsang et al., "Mammalian expression vector with two multiple cloning sites for expression of two foreign genes," <i>Bio Techniques</i> , 22:68 (1997)	
I	✓ HY	Tsang et al., "New vectors for augmented levels of heat inducible gene expression," <i>Sixth International Conference on Gene Therapy of Cancer</i> , November 20-22 (1997) <i>Cancer Gene Ther.</i> 4(6): S25.	
I	✓ HZ	Tsang et al., Simple method for adapting DNA fragments and PCR products to all of the commonly used restriction sites, <i>Bio Techniques</i> , 20:51-52 (1996)	<input type="checkbox"/> Additional References sheet(s) attached

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SDP	✓ IW	Varley et al., "A two-component expression system that responds to inflammatory stimuli <i>in vivo</i> ", "Nature Biotechnology", 15:1002-1006 (1997).	
	✓ IX	Walther et al., "Cell type specific and inducible promoters for vectors in gene therapy as an approach for cell targeting", "J. Mol. Med.", 74:379-392 (1996).	
	✓ IY	Wu, C. "Heat shock transcription factors: structure and regulation", "Annu. Rev Cell Dev. Biol.", 11:441-69 (1995)	
	✓ IZ	Tewari et al., "Biochem. Biophys. Acta, 1209:293-295	<input type="checkbox"/> Additional References sheet(s) attached

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SDP	✓ JW	Agrawal, TIBTECH, 14:376-387, 1996.
✓ JX		Gaestel et al., Gene, 128:279-283, 1993
✓ JY		Dale et al., Gene, 172:279-284, 1996
✓ JZ		Hickey et al., Nucleic Acids Research, 14:4127-4145, 1986

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↓	✓ JX	Gomez-Navarro et al, European J. Cancer, 35:867-885, Jun 1999.
↓	✓ JY	Leitner et al., Vaccine, 18:765-777, 2000
↓	✓ JZ	Branch, TIBS, 23:45-50, 1998

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SDP	✓ KW	Verma et al., Nature, 389:239-242, 1997
↓	✓ KX	Ledley, Pharmaceutical Research, 13:1595-1614, 1996
↓	✓ KY	Hancock, in Methods in Molecular Biology-8, Practical Molecular Virology, Viral Vectors for Gene Expression, ed. M. Collins, Humana Press, Inc., New Jersey, Chapter 14, pages 153-158, 1991.
↓	✓ KZ	Talavera et al., in Methods in Molecular Biology-8, Practical Molecular Virology, Viral Vectors for Gene Expression, ed. M. Collins, Humana Press, Inc., New Jersey, Chapter 21, pages 235-248, 1991.

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SDP	✓ LW	Orkin et al., in Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy, December 7, 1995				
SDP	✓ LX	Brady et al., "Specific ablation of human immunodeficiency virus Tat-expressing cells by conditionally toxic retroviruses", Proc. Natl. Acad. Sci. USA 91:365-369, Jan 1994				
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